

WHAT IS CLAIMED IS:

1. A safety shield apparatus comprising:
a needle shield having a planar contact surface;
5 a pad having a first surface mountable to the planar contact surface and a second surface configured for engagement with a body surface.
2. The safety shield apparatus according to claim 1 wherein said pad is made from a foam material.
- 10 3. The safety shield apparatus according to claim 1 wherein said pad is made from a felted material.
4. The safety shield apparatus according to claim 1 wherein said pad is made from a
15 breathable material.
5. The safety shield apparatus according to claim 1 wherein said pad is made from a material configured for wicking moisture.
- 20 6. The safety shield apparatus according to claim 1 wherein said pad is impregnated with an antimicrobial agent.
7. The safety shield apparatus according to claim 1 wherein at least one of said surfaces includes a thin film coating disposed thereon.
- 25 8. The safety shield apparatus according to claim 7 wherein said thin film coating is perforated.

9. The safety shield apparatus according to claim 1 wherein said pad comprises:
a planar shape having a thickness defining a peripheral surface connecting said first and second surfaces; and
a slit extending from said peripheral surface to about a center of said pad.

5

10. The safety shield apparatus according to claim 9 wherein said pad further comprises a notch leading from said peripheral surface into said slit.

10

11. The safety shield apparatus according to claim 9 wherein said planar shape comprises a disk.

12. The safety shield apparatus according to claim 9 further comprising a needle operatively disposed with said needle shield wherein said pad is retained to said needle safety device by a friction fit between said pad and said needle.

15

13. The safety shield apparatus according to claim 12 wherein said friction fit is provided between said slit and said needle.

20

14. The safety shield apparatus according to claim 1 wherein said pad is permanently attached to said planar contact surface.

15. The safety shield apparatus according to claim 1 wherein said pad further includes at least one through-hole.

25

16. The safety shield apparatus according to claim 1 further comprising means for attachment of said pad to a safety shield apparatus.

17. The safety shield apparatus according to claim 1 wherein said needle shield comprises a Huber safety needle shield.

30

18. A safety shield apparatus comprising:
a needle having a distal portion and a proximal portion;
an extensible needle shield having a distal end planar contact surface and a proximal end
attached to said proximal portion of said needle; and
5 a pad adapted for spacing between said planar contact surface and a subject's skin;
said pad including
a first surface adapted for disposal against said planar contact surface;
a second surface adapted to for disposal against said subject's skin;
a planar shape having a thickness defining a peripheral surface connecting said
10 first and second surfaces; and
a slit extending from said peripheral surface to about a center of said pad;
wherein said pad is retained to said safety shield apparatus by a friction fit between said
pad and said needle.

19. The safety shield apparatus according to claim 18 wherein said pad further comprises:
a notch leading from said peripheral surface into said slit; and
at least one through hole providing fluid communication between said first and second
surfaces.

20. A safety shield apparatus comprising:
a needle having a distal portion and a proximal portion;
an extensible needle shield having a distal end planar contact surface and a proximal end
and attached to said proximal portion of said needle; and
a pad adapted for spacing between a planar contact surface of a safety needle device and
25 a subject's skin,
wherein said pad comprises:
a first surface adapted for disposal against said planar contact surface;
a second surface adapted to for disposal against said subject's skin;
a planar shape having a thickness defining a peripheral surface connecting said
30 first and second surfaces; and
wherein said pad is permanently attached to said needle safety device.